

In the Claims

OK to Enter

CF

1-23. (Cancelled)

24. (Currently Amended) A high strength stainless steel seamless pipe for use in oil wells, which has superior corrosion resistance, comprising on a mass percent basis:

0.005% to 0.05% of C;

0.05% to 0.5% of Si;

0.2% to 1.8% of Mn;

0.03% or less of P;

0.005% or less of S;

15.5% to 18% of Cr;

1.5% to 5% of Ni;

1% to 3.5% of Mo;

0.02% to 0.2% of V;

0.01% to 0.15% of N;

0.006% or less of O; and

the balance being Fe and unavoidable impurities,

wherein the following equations (1) and (2) are satisfied

$$\text{Cr} + 0.65\text{Ni} + 0.6\text{Mo} + 0.55\text{Cu} - 20\text{C} \geq 19.5 \quad (1)$$

$$\text{Cr} + \text{Mo} + 0.3\text{Si} - 43.5\text{C} - 0.4\text{Mn} - \text{Ni} - 0.3\text{Cu} - 9\text{N} \geq 11.5 \quad (2)$$

wherein Cr, Ni, Mo, Cu, C, Si, Mn, and N represent the respective contents on a mass percent basis,